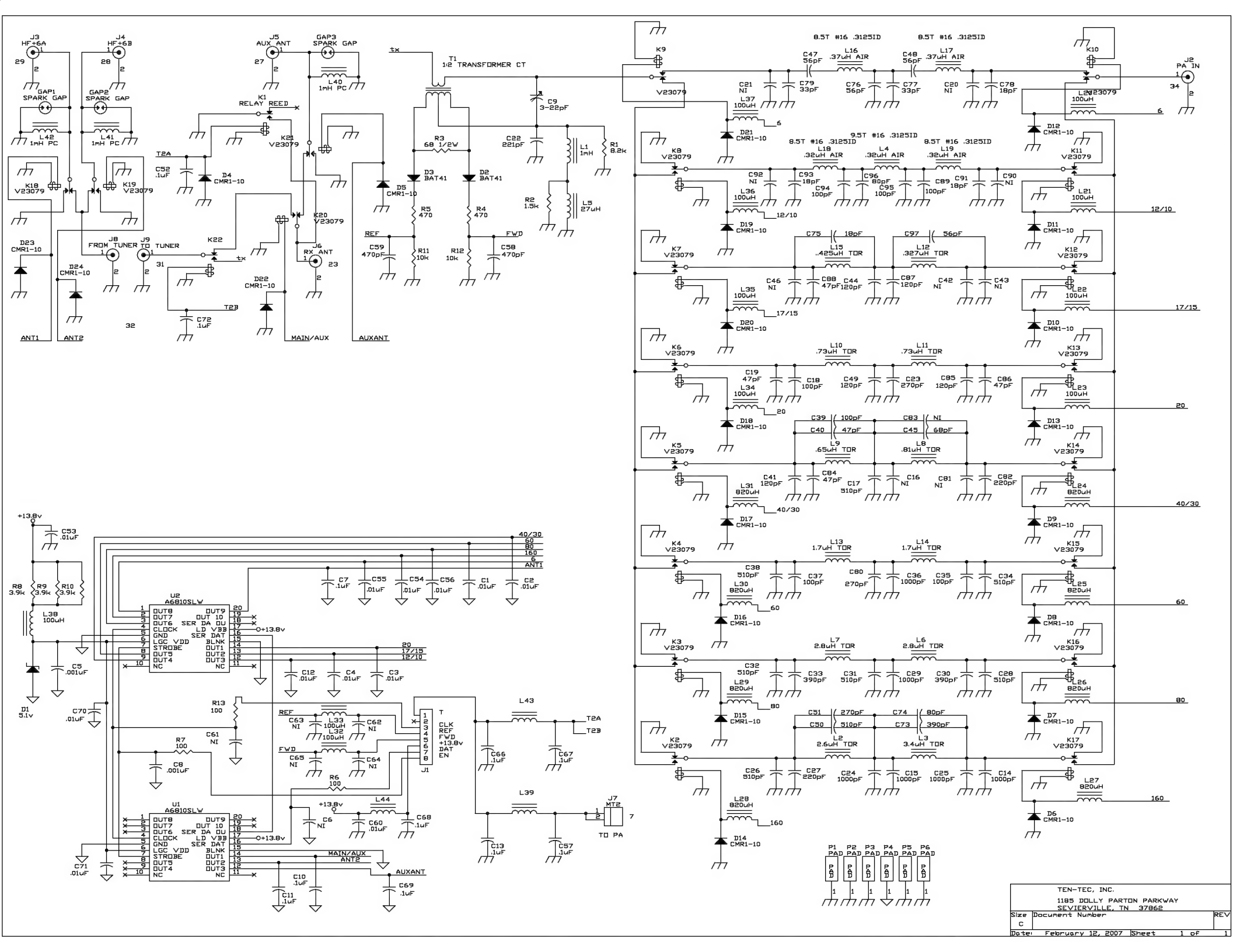
J3 HF+6A
J4 HF+6B
J5 AUX ANT
GAP3 SPARK GAP
GAP1 SPARK GAP
GAP2 SPARK GAP
L42 1mH PC
L41 1mH PC
L40 1mH PC
K1 RELAY REED
K21 V23079
T1 1:2 TRANSFORMER CT
C9 3-22pF
C22 221pF
L1 1mH
R1 8.2k
R2 1.5k
L5 27uH
R3 68 1/2W
D3 BAT41
D2 BAT41
D5 CMR1-10
R5 470
R4 470
REF
FWD
C59 470pF
R11 10k
R12 10k
C58 470pF
T2A
C52 .1uF
D4 CMR1-10
T2B
C72 .1uF
K18 V23079
K19 V23079
K20 V23079
K22
J8 FROM TUNER
J9 TO TUNER
J6 RX ANT
D23 CMR1-10
D24 CMR1-10
D22 CMR1-10
ANT1
ANT2
MAIN/AUX
AUXANT
tx
31
32
23
K9 V23079
K10 V23079
J2 PA IN
8.5T #16 .3125ID
9.5T #16 .3125ID
C47 56pF
L16 .37uH AIR
C48 56pF
L17 .37uH AIR
C21 NI
C79 33pF
C76 56pF
C77 33pF
C20 NI
C78 18pF
L37 100uH
D21 CMR1-10
L18 .32uH AIR
L4 .32uH AIR
L19 .32uH AIR
C92 NI
C93 18pF
C94 100pF
C96 80pF
C95 100pF
C89 100pF
C91 18pF
C90 NI
L36 100uH
D19 CMR1-10
C75 18pF
L15 .425uH TDR
C97 56pF
L12 .327uH TDR
C46 NI
C88 47pF
C44 120pF
C87 120pF
C42 NI
C43 NI
L35 100uH
D20 CMR1-10
L10 .73uH TDR
L11 .73uH TDR
C19 47pF
C18 100pF
C49 120pF
C23 270pF
C85 120pF
C86 47pF
L34 100uH
D18 CMR1-10
C39 100pF
C40 47pF
C83 NI
C45 68pF
L9 .65uH TDR
L8 .81uH TDR
C41 120pF
C84 47pF
C17 510pF
C16 NI
C81 NI
C82 220pF
L31 820uH
D17 CMR1-10
L13 1.7uH TDR
L14 1.7uH TDR
C38 510pF
C37 100pF
C80 270pF
C36 1000pF
C35 100pF
C34 510pF
L30 820uH
D16 CMR1-10
L7 2.8uH TDR
L6 2.8uH TDR
C32 510pF
C33 390pF
C31 510pF
C29 1000pF
C30 390pF
C28 510pF
L29 820uH
D15 CMR1-10
C51 270pF
C74 80pF
C50 510pF
C73 390pF
L2 2.6uH TDR
L3 3.4uH TDR
C26 510pF
C27 220pF
C24 1000pF
C15 1000pF
C25 1000pF
C14 1000pF
L28 820uH
D14 CMR1-10
L22 100uH
D10 CMR1-10
L23 100uH
D13 CMR1-10
L24 820uH
D9 CMR1-10
L25 820uH
D8 CMR1-10
L26 820uH
D7 CMR1-10
L27 820uH
D6 CMR1-10
6
12/10
17/15
20
40/30
60
80
160
+13.8v
C53 .01uF
R8 3.9k
R9 3.9k
R10 3.9k
L38 100uH
C5 .001uF
D1 5.1v
U2 A6810SLW
U1 A6810SLW
OUT8 OUT7 OUT6 CLOCK GND STROBE OUT5 OUT4 NC
OUT9 OUT 10 SER DA OU LD VBB SER DAT BLNK OUT1 OUT2 OUT3 NC
C7 .1uF
C55 .01uF
C54 .01uF
C56 .01uF
C1 .01uF
C2 .01uF
C12 .01uF
C4 .01uF
C3 .01uF
C70 .01uF
R13 100
C61 NI
R7 100
C8 .001uF
C63 NI
L33 100uH
L32 100uH
C62 NI
C65 NI
C64 NI
R6 100
J1
CLK REF FWD +13.8v DAT EN
L43
L39
C66 .1uF
C67 .1uF
C13 .1uF
C57 .1uF
T2A
T2B
J7 MT2
TO PA
L44
C6 NI
C60 .01uF
C68 .1uF
C71 .01uF
C10 .1uF
C11 .1uF
C69 .1uF
P1 PAD
P2 PAD
P3 PAD
P4 PAD
P5 PAD
P6 PAD
TEN-TEC, INC.
1185 DOLLY PARTON PARKWAY
SEVIERVILLE, TN 37862
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